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gyroscope fiber modulator phase shift Search

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Results **1** - **10** of about **297** for **gyroscope fiber modulator phase shift**. (**0.02** seconds)

All single mode **fiber** optic **gyroscope**
RA BERGH, HC LEFEVRE, HJ SHAW - Optics Letters, 1981 - ol.osa.org
... the same order of magnitude as a similar **gyroscope** using bulk ... **Fiber** splices were made at points s in Fig ... and the noise, we may add a second **phase modulator** PZT 2 ...
Cited by 17 - Web Search - ol.osa.org - adsabs.harvard.edu - csa.com - all 5 versions »

All-single-mode **fiber**-optic **gyroscope** with long-term stability
RA Bergh, HC Lefevre, HJ Shaw - Opt. Lett, 1981 - ol.osa.org
... short-term **phase** er- rors in **fiber**-optic gyroscopes ... the ability of a nonideal **phase modulator** to induce ... the minimum detectable rotation rate of the **gyroscope**. ...
Cited by 37 - Web Search - ol.osa.org - adsabs.harvard.edu

Test for nonreciprocal circular birefringence in YBa_{2} Cu_{3} O_{7} thin films as evidence for ...
S Spielman, K Fesler, CB Eom, TH Geballe, MM Fejer ... - Physical Review Letters, 1990 - link.aps.org
... Faraday effect, 5 can result in a **phase shift** in the ... here 1 km loop : polarization preserving **fiber phase modulator** (a) Lens ... a) The **fiber-gyroscope** circuit and ...
Cited by 64 - Web Search - adsabs.harvard.edu - ncbi.nlm.nih.gov - csa.com

Closed-loop **fiber**-optic **gyroscope** with a sawtooth **phase**-modulated feedback
A EBBERG, G SCHIFFNER - Optics Letters, 1985 - ol.osa.org
... 2 shows the open-loop output of a **gyroscope** as a ... The delay time of the **fiber** was r = 14 Asec ... a sawtooth with nonzero flyback is applied to the **phase modulator**. ...
Cited by 7 - Web Search - ol.osa.org - adsabs.harvard.edu - csa.com

Open-Loop Output and Scale Factor Stability in a **Fiber**-Optic **Gyroscope**
RP MOELLER, WK BURNS, NJ FRIGO, I INTRODUCTION - dO - ieeexplore.ieee.org
... OPEN-LOOP OUTPUT, SCALE FACTOR STABILITY IN A **GYROSCOPE** 263 (1) (7) OUTPUT LIFOUPLER DETECTOR POLARIZING GYRO **FIBER** COUPLER COIL **MODULATOR** (a) where w ...
Cited by 14 - Web Search - ieeexplore.ieee.org - adsabs.harvard.edu - csa.com

Fiber gyroscope with **phase**-modulated single-sideband detection
D EBERHARD, E VOGES - Optics Letters, 1984 - ol.osa.org
... The insertion loss of the **fiber**-coupled **modulator**, which is determined primarily by mode mismatch, is 8-10 dB. ... 2(a)] and the rotating **gyroscope** [Fig. ...
Cited by 6 - Web Search - ol.osa.org - adsabs.harvard.edu - csa.com

Phase-nulling **fiber**-optic laser gyro
RF CAHILL, E UDD - Optics Letters, 1979 - ol.osa.org
... was determined by sweeping the AO **modulator** over a ... V. Vali and R. W. Shorthill, "**Fiber** laser gyroscopes ... Balsamo, "Passive ring resonator laser **gyroscope**," Appl. ...
Cited by 18 - Web Search - ol.osa.org - adsabs.harvard.edu - csa.com

Fiber-optic gyroscopes based on polarization scrambling
P CHIEN, CL Pan - Optics Letters, 1991 - ol.osa.org
... 2.0Q, N the Sagnac **phase shift** and Q is the rotatic **gyroscope**. An in-line piezoelectric trar several turns of **fiber** wrapped around it the **phase modulator**. ...
Cited by 8 - Web Search - ieo.nctu.edu.tw - adsabs.harvard.edu - csa.com - all 5 versions »

Fiber optic smart structures
E Udd, E Udd - Proceedings of the IEEE, 1996 - ieeexplore.ieee.org
... be impressed in terms of intensity, **phase**, frequency, polarization ... light captured by the second optical **fiber** depends on ... between the optical fibers **shift** with a ...

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Results **1** - **10** of about **442** for **gyroscope fiber open loop**. (**0.03** seconds)

Open-Loop Output and Scale Factor Stability in a **Fiber**-Optic **Gyroscope**
RP MOELLER, WK BURNS, NJ FRIGO, I INTRODUCTION - dO - ieeexplore.ieee.org
... T) [i — (2)2 (2T,Tm + ri1. Fig. 2. Optical intensity of **open-loop** **fiber**-optic **gyroscope**. Modulation phase , cos w,,,t is added ...
Cited by 14 - Web Search - ieeexplore.ieee.org - adsabs.harvard.edu - csa.com

Closed-**loop** **fiber**-optic **gyroscope** with a sawtooth phase-modulated feedback
A EBBERG, G SCHIFFNER - Optics Letters, 1985 - ol.osa.org
... In a closed-**loop** **gyroscope** the Sagnac phase shift is compensated by ... phase shift of opposite sign within the **fiber** coil, thus nulling the **open-loop** signal. ...
Cited by 7 - Web Search - ol.osa.org - adsabs.harvard.edu - csa.com

Single-channel phase-tracker for the **open loop fiber** optic **gyroscope**
AD Kersey, RP Moeller, TA Berkoff, WK Burns - **Fiber** Optic Gyros: 15th Anniversary Conference, Boston, MA, ..., 1992 - adsabs.harvard.edu
Title: Single-channel phase-tracker for the **open loop fiber** optic **gyroscope** Authors: Kersey, AD; Moeller, RP; Berkoff, TA; Burns, WK Affiliation: AA(US Navy ...
Cited by 3 - Web Search - csa.com

Fiber optic smart structures
E Udd, E Udd - Proceedings of the IEEE, 1996 - ieeexplore.ieee.org
... changes resulting in an intensity modulated signal on the output optical **fiber**. ... For optimum sensitivity the gratings should be in the half **open** half closed ...
Cited by 115 - Web Search - dx.doi.org - csa.com - all 4 versions » - Library Search

Open-loop fiber-optic **gyroscope** using intensity-modulated source and phase modulation
M Oh, Y Kim, M Chung - TIME - ol.osa.org
June 1988 / Vol. 13, No. 6 / OPTICS LETTERS 521 **Open-loop fiber**-optic **gyroscope** using intensity-modulated source and phase modulation Moonsu Oh and Yongduk Kim ...
Cited by 2 - Web Search - ol.osa.org - adsabs.harvard.edu - csa.com

Deep phase-modulation approach to an **open-loop fiber** optic **gyroscope**
PY Chien, CL Pan - IEEE Photonics Technology Letters, 1991 - ieeexplore.ieee.org
... Deep Phase-Modulation Approach to an **Open-Loop Fiber** Optic **Gyroscope** Pie-Yau Chien and Ci-Ling Pan ... Page 2. CHIEN AND PAN: **OPEN-LOOP FIBER** OPTIC **GYROSCOPE** 285 ...
Cited by 2 - Web Search - ieeexplore.ieee.org - adsabs.harvard.edu - csa.com - all 5 versions »

Closed-**loop**, low-noise **fiber**-optic rotation sensor
JL Davis, S Ezekiel - Opt. Lett, 1981 - ol.osa.org
... The **fiber**-optic **gyroscope** has been receiving consid- erable attention for the past several ... Fig.5. **Open-loop** outputy 2 as a function of **fiber** tempera- ture in ...
Cited by 12 - Web Search - ol.osa.org - adsabs.harvard.edu

... **open-loop** interferometric **fiber**-optic **gyroscope** with the Sagnac coil closed by an erbium-doped **fiber** ...
CY Liaw, Y Zhou, YL Lam - Journal of Lightwave Technology, 1998 - jlt.osa.org
... Abstract—This paper reports the performance of an **open-loop** Interferometric **fiber**-optic **gyroscope** with an erbium-doped **fiber** amplifier (EDFA) that closes the ...
Cited by 2 - Web Search - ieeexplore.ieee.org - adsabs.harvard.edu - csa.com - all 6 versions »

[CITATION] 'Development **Open-Loop Fiber** Optic **Gyroscope** for Industry and Consumer Use

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	17342	gyro or gyroscope or sagnac	US-PGPUB; USPAT	ADJ	ON	2005/12/09 12:51
L2	566562	fiber or fibre	US-PGPUB; USPAT	ADJ	ON	2005/12/09 12:51
L3	123078	modulator	US-PGPUB; USPAT	ADJ	ON	2005/12/09 12:51
L4	73363	phase shift	US-PGPUB; USPAT	ADJ	ON	2005/12/09 12:22
L5	567	1 and 2 and 3 and 4	US-PGPUB; USPAT	ADJ	ON	2005/12/09 12:22
L6	164	1 same 2 same 3 same 4	US-PGPUB; USPAT	ADJ	ON	2005/12/09 12:22
L7	121	6 and 356/450-521.ccls.	US-PGPUB; USPAT	ADJ	ON	2005/12/09 12:36
L8	43	6 not 7	US-PGPUB; USPAT	ADJ	ON	2005/12/09 12:36
L9	403	5 not 6	US-PGPUB; USPAT	ADJ	ON	2005/12/09 12:36
L10	233	9 and 356/450-521.ccls.	US-PGPUB; USPAT	ADJ	ON	2005/12/09 12:41
L11	15	9 and "250"/$.ccls. not 10	US-PGPUB; USPAT	ADJ	ON	2005/12/09 12:42
L12	56	9 and "385"/$.ccls. not (10 or 11)	US-PGPUB; USPAT	ADJ	ON	2005/12/09 12:43
L13	99	9 not (10 or 11 or 12)	US-PGPUB; USPAT	ADJ	ON	2005/12/09 12:45
L14	28108	open loop or open-loop	US-PGPUB; USPAT	ADJ	ON	2005/12/09 12:51
L15	267	1 and 2 and 14	US-PGPUB; USPAT	ADJ	ON	2005/12/09 12:46
L16	149	15 not 5	US-PGPUB; USPAT	ADJ	ON	2005/12/09 12:50
L17	5	SHERNOFF-DONALD or SHERNOFF-DONALD-I	US-PGPUB; USPAT	ADJ	ON	2005/12/09 12:50
L18	5533	gyro or gyroscope or sagnac	EPO; JPO; IBM_TDB	ADJ	ON	2005/12/09 12:51
L19	279588	fiber or fibre	EPO; JPO; IBM_TDB	ADJ	ON	2005/12/09 12:51
L20	27535	modulator	EPO; JPO; IBM_TDB	ADJ	ON	2005/12/09 12:51
L21	10776	phase shift	EPO; JPO; IBM_TDB	ADJ	ON	2005/12/09 12:51
L22	2359	open loop or open-loop	EPO; JPO; IBM_TDB	ADJ	ON	2005/12/09 12:51

L23	14	18 and 19 and 20 and 21	EPO; JPO; IBM_TDB	ADJ	ON	2005/12/09 12:54
L24	5	18 and 19 and 22	EPO; JPO; IBM_TDB	ADJ	ON	2005/12/09 12:55